

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (Currently Amended): In a cleaning device comprising a brush roller having a brush that contacts a surface of a member to be cleaned, said brush contacts said surface due to a weight of said brush roller, and said brush roller has no driving motor and thereby rotates only by following a movement of said surface.

Claim 2 (Original): The device as claimed in claim 1, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

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Claim 3 (Original): The device as claimed in claim 1, wherein said brush has filaments having a length of 2 mm or below.

Claim 4 (Original): The device as claimed in claim 3, wherein the filaments have a diameter of 2 denier or below and a density of 20,000 filaments /cm² or above.

Claim 5 (Original): The device as claimed in claim 4, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 6 (Original): The device as claimed in claim 5, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 7 (Original): The device as claimed in claim 6, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 8 (Original): The device as claimed in claim 7, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 9 (Original): The device as claimed in claim 1, wherein the filaments have a diameter of 2 denier or below and a density of 20,000 filaments/cm² or above.

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Claim 10 (Original): The device as claimed in claim 9, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 11 (Original): The device as claimed in claim 10, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 12 (Original): The device as claimed in claim 11, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 13 (Original): The device as claimed in claim 12, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 14 (Original): The device as claimed in claim 1, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 15 (Original): The device as claimed in claim 14, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 16 (Original): The device as claimed in claim 15, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

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Claim 17 (Original): The device as claimed in claim 16, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 18 (Original): The device as claimed in claim 1, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 19 (Original): The device as claimed in claim 18, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 20 (Original): The device as claimed in claim 19, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 21 (Original): The device as claimed in claim 1, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 22 (Original): The device as claimed in claim 21, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

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Claim 23 (Currently Amended): In a unit including a cleaning device and a member to be cleaned thereby, said cleaning device comprises a brush roller having a brush that contacts a surface of said member to be cleaned, and said brush contacts said surface due to a weight of said brush roller, and said brush roller has no driving motor and thereby rotates by only following a movement of said surface.

Claim 24 (Currently Amended): In an image forming apparatus including a cleaning device and a member to be cleaned, said cleaning device comprises a brush roller having a brush that contacts a surface of said member to be cleaned, and said brush contacts said surface due to a weight of said brush roller, and said brush roller has no driving motor and thereby rotates only by following a movement of said surface.

Claims 25-28 (Canceled).

Claim 29 (New): In a cleaning device comprising a brush roller having a brush that contacts a surface of a member to be cleaned, said brush contacts said surface due to a weight of said brush roller and rotates by following a movement of said surface, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 30 (New): The device as claimed in claim 29, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 31 (New): The device as claimed in claim 29, wherein said brush has filaments having a length of 2 mm or below.

Claim 32 (New): The device as claimed in claim 31, wherein the filaments have a diameter of 2 denier or below and a density of 20,000 filaments /cm² or above.

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Claim 33 (New): The device as claimed in claim 29, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 34 (New): The device as claimed in claim 33, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 35 (New): The device as claimed in claim 34, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 36 (New): The device as claimed in claim 29, wherein the filaments have a diameter of 2 denier or below and a density of 20,000 filaments/cm² or above.

Claim 37 (New): In a unit including a cleaning device and a member to be cleaned thereby, said cleaning device comprises a brush roller having a brush that contacts a surface of said member to be cleaned, and said brush contacts said surface due to a weight of said brush roller and rotates by following a movement of said surface, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

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Claim 38 (New): In an image forming apparatus including a cleaning device and a member to be cleaned, said cleaning device comprises a brush roller having a brush that contacts a surface of said member to be cleaned, and said brush contacts said surface due to a weight of said brush roller and rotates by following a movement of said surface, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 39 (New): In a brush roller, filaments have a length of 2 mm or below, a diameter of 2 denier or below and a density of 20,000 filaments /cm² or above, and wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 40 (New): The brush roller as claimed in claim 39, wherein the filaments have base ends thereof affixed to a core of said brush roller by electrostatic implantation.
